



501.42842X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: ASUMA et al  
Serial No.: 10/625,722  
Filed: July 24, 2003  
For: Liquid Crystal Display Device  
Group: / 2871  
Examiner: D. Nguyen

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Mail Stop: DD  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 24, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents as listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the fee of \$180.00 set forth in 37 CFR 1.17(p).

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version translation of the documents.

It is respectfully requested that this information disclosure statement and the listed documents be considered by the Examiner.

10/25/2005 HALI11 00000040 10625722

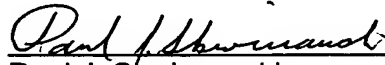
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Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 501.42842X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

A handwritten signature in cursive script, appearing to read "Paul J. Skwierawski", is written over a horizontal line.

Paul J. Skwierawski  
Registration No. 32,173

MK/PJS/jla  
(703) 312-6600  
Attachments

Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.42842X00	SERIAL NO. 10/625,722
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		<b>APPLICANT</b> ASUMA et al	
		<b>FILING DATE</b> July 24, 2003	<b>GROUP</b> 2871

**U.S. PATENT DOCUMENTS**

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						

**U.S. PATENT APPLICATIONS**

	Publication Number	Name	Publication Date
AI			
AJ			
AK			
AL			

**FOREIGN PATENT DOCUMENTS**

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
AM	10-239678	9/98	Japan			X	
AN	2000-122092	4/00	Japan			X	
AO							
AP							
AQ							

**OTHER DOCUMENTS**

AR	
AS	
AT	
Examiner	Date Considered

